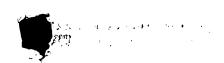
Αı



09/889311 Rec'd PCT/PTO 1 6 JUL 2001

Atty Docket: 19391.0025

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

andt. A

Peter Adebjörk et al.

Application No.: -- U.S. National Phase Examiner: --

of PCT/SE00/00034

Filed: July 6, 2001 Art Unit --

Title: REDUNDANT SYSTEM FOR THE INDICATION OF HEADING AND ATTITUDE IN AN AIRCRAFT

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents Washington, DC 20231

Sir:

Prior to examination, please amend the above-identification as follows:

In the Claims:

Please amend the claims as follows:

Clean Copy of Amended Claims

3. Method according to claim 1, characterised in that attitude is integrated out via information about the body-frame angular rates (p, q and r) obtained from the aircraftfixed angular rate gyros of the aircraft.

8. Method according to claim 6, characterised in that in a second filter (22) is performed estimation of attitude errors and heading errors that arise on integration of the aircraft's body-frame angular rates (p, q and r) obtained from the aircraft's body-frame angular rate gyros, where the estimation is done with the aid of attitude calculated from